

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P13739

(maximum 12 characters)

First Named Inventor Michael W. Altmann

Title: PHYSICALLY DEFINED VARACTER IN A CMOS PROCESS

Express Mail Label No. EL862051018US

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant Claims Small Entity Status. (37 CFR 1.27)
3. ☒ Specification (Total Pages 19)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawings(s) (35 USC 113) (Total Sheets 4)
5. ☒ Oath or Declaration (Total Pages 5)
  - a. ☒ Newly Executed (Original or Copy)
  - b. ☐ Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☐ Unsigned.
6. ☐ Application Data Sheet. (37 CFR 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

# ACCOMPANYING APPLICATION PARTS

9. ☒ **Assignment Papers (cover sheet & documents(s))**
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- ☒ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ a. Information Disclosure Statement (IDS)/PTO-1449
- ☒ b. Copies of IDS Citations
13. ☐ **Preliminary Amendment**
14. ☒ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
- 17A. ☒ Other: Certificate of mailing with copy of return postcard signed by attorney

17B. ☒ Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18A. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
Of Prior Application No.: ☐ Examiner ☐ Group Art Unit ☐  
(which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. ☐  
which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. ☐ (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that ☐ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. ☐ Frame No. ☐ (or a copy of which is attached).

19. Correspondence Address  
☐ Customer Number or Bar Code Label ☐  
or (Insert Customer No. or Attach Bar Code Label here)

☒ Correspondence Address Below

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Registration No.: 41,181

Signature: Jan Carol Little

Date: 2/26/02

Our Reference: 042390.P13739

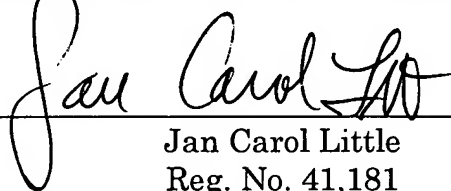
Patent

PHYSICALLY DEFINED VARACTOR IN A CMOS PROCESS

Inventors: Michael W. Altmann

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

  
Jan Carol Little  
Reg. No. 41,181

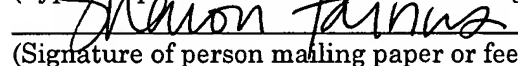
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Date of Deposit: February 26, 2002

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Sharon Farnus

(Typed or printed name of person mailing paper or fee)

 2/26/02  
(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No.: New Application Filing/Issue Date: Herewith  
Client: Intel Corporation  
Title: PHYSICALLY DEFINED VARACTOR IN A CMOS PROCESS

BSTZ File No.: 42390.P13739 Atty/Secty Initials: JCL:sef  
Date Mailed: 2-26-02 Docket Due Date: \*\*\*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |  |   |
|--|---|
| <input type="checkbox"/> Amendment/Response (___pgs.)  | <input checked="" type="checkbox"/> Express Mail <u>EL862051018US</u> Check No. <u>2034</u>   |
| <input type="checkbox"/> Appeal Brief (___pgs.) (in triplicate)  | <input type="checkbox"/> ___ Month(s) Extension of Time Amt: <u>\$1056.00</u>   |
| <input checked="" type="checkbox"/> Application - Utility ( <u>19</u> pgs., with cover and abstract)                     | <input checked="" type="checkbox"/> Information Disclosure Statement & PTO-1449 ( <u>4</u> pgs.) <input type="checkbox"/> Check No. ___ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (___pgs.)   | <input type="checkbox"/> Issue Fee Transmittal Amt: ___   |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (___pgs.)   | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (___pgs.)  | <input type="checkbox"/> Petition for Extension of Time   |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (___pgs.)  | <input type="checkbox"/> Petition for ___   |
| <input type="checkbox"/> Application - Design (___pgs.)  | <input checked="" type="checkbox"/> Postcard  |
| <input type="checkbox"/> Application - PCT (___pgs.)   | <input type="checkbox"/> Power of Attorney (___pgs.)  |
| <input type="checkbox"/> Application - Provisional (___pgs.)   | <input type="checkbox"/> Preliminary Amendment (___pgs.)  |
| <input checked="" type="checkbox"/> Assignment and Cover Sheet   | <input type="checkbox"/> Reply Brief (___pgs.)  |
| <input checked="" type="checkbox"/> Certificate of Mailing   | <input type="checkbox"/> Response to Notice of Missing Parts  |
| <input checked="" type="checkbox"/> Declaration & POA ( <u>5</u> pgs.)   | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business  |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (___pgs.)                             | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate  |
| <input checked="" type="checkbox"/> Drawings: <u>4</u> # of sheets includes <u>6</u> figures                             | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate   |
| <input checked="" type="checkbox"/> Other <u>*Certificate of mailing with copy of return postcard signed by attorney</u> |   |
| <u>*Copy of one cited reference</u>  |   |

APPLICATION FOR UNITED STATES LETTERS OF PATENT

FOR

**PHYSICALLY DEFINED VARACTOR IN A CMOS PROCESS**

Inventors: **Michael W. Altmann**

Prepared by:

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"Express Mail" Label Number EL862051018US

Date of Deposit February 26, 2002

*I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37. CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.*

Sharon Farnus 2/26/02  
Sharon E. Farnus Date